

EXHIBIT "A"



Human Resources Department
121 S.W. Port St. Lucie Blvd
Port St. Lucie, FL 34984-5099 www.cityofpsl.com

Industrial Electrician I

DEPARTMENT:	Utility Systems	
REPORTS TO:	Electrical Systems & SCADA Supervisor	
JOB CODE:	4696	
BARGAINING UNIT:	FOPE	
FLSA STATUS:	Non-Exempt	<i>Print:</i> _____
DATE PREPARED:	09/13/2022	
DATE MODIFIED:	06/06/2024	<i>Signature:</i> _____
DATE REVIEWED:	06/06/2024	
CITY VEHICLE USAGE:	Required	<i>Date:</i> _____

This position is an Essential classification and will be required to report to duty before, during, and immediately after a civil emergency.

SUMMARY

The Industrial Electrician I performs semi-skilled and skilled work at an apprentice to a mechanic level involving both rough and finished electrical work. Responsible for troubleshooting electrical motor failures and electric circuitry, preventative maintenance of water and wastewater treatment plants, lift stations, remote pumping and treatment stations equipment, and residential grinder pumps and controls. Facilitates the development of public trust and confidence in the City and its Utility.

THIS POSITION REQUIRES SCHEDULED/UNSCHEDULED OVERTIME, INCLUDING EVENINGS, WEEKENDS, AND HOLIDAYS AND/OR IMMEDIATE RESPONSE TO EMERGENCY CONDITIONS.

ESSENTIAL RESPONSIBILITIES

- Keeps the mission, vision, and values of the City of Port St. Lucie and Utility Systems Department at the forefront of decision making and action; builds strategic and collaborative relationships and interacts with others in a way that builds confidence and trust; provides excellent customer service by taking action to accomplish objectives, maintains high levels of work and productivity by generating innovative solutions to work situations.
- Installs, repairs, and maintains electrical services in City-owned buildings, and water and wastewater treatment facilities, including electrical outlets, lights, motors, relays, alternators, electrical equipment, starters, breakers, VFDs, transformers, etc.
- Regular and punctual attendance.
- Works with plant operators to understand plant processes.
- Assists in other instrumentation and control and electrical maintenance operations.
- Assists in troubleshooting and repair of process and control equipment.
- Other duties as may be assigned.

MINIMUM REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or

ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION AND/OR EXPERIENCE

Graduation from an accredited high school or possession of an acceptable equivalency diploma required. Education supplemented by college coursework and prior utility experience preferred.

A comparable amount of training, education, or experience may be substituted for the minimum qualifications.

CERTIFICATES, LICENSES, REGISTRATIONS

- Completion of electrical training through an accredited apprenticeship program and the ability to obtain a Journeyman Electrician License required to be obtained within three (3) years of date of hire while employed under this job classification.
 - Prior documented electrical experience may be considered in lieu of an apprenticeship program and specialized training classes may be offered to supplement prior experience toward acquiring the Journeyman Electrician license.
- Possession of valid Florida Driver's License and maintenance of clean driving record required.

KNOWLEDGE, SKILLS & ABILITIES

- General knowledge of the standard methods, materials, tools, codes, and practices of the electrical trade, as well as electric circuitry involving motors, breakers, relays, etc.
- Skill in the care of the tools and equipment of the electrical trade.
- Ability to plan, lay out, and perform electrical work of average difficulty.
- Ability to work from blueprints and/or sketches.
- Ability to communicate effectively in writing and orally.
- Ability to establish and maintain effective working relationships with employees and the public.
- Ability to focus on the positive in every situation.
- Ability to stay centered when challenged.
- Ability to model respect for individuals, teams, and the organization.
- Ability to establish and maintain the trust and confidence of the department and public.
- Ability to work under pressure and meet deadlines.
- Ability to follow through with assigned tasks.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to sit, talk, hear, and use hands to finger, handle, or feel. The employee is frequently required to walk and reach with hands and arms. The employee is occasionally required to stand and stoop, kneel, and crouch, work in close, confined spaces and overhead on ladders and platforms. The employee must frequently lift and/or move up to 30 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, and ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to outside weather conditions that may be adverse and extreme (heat, humidity, cold, rain, etc.). The employee is frequently exposed to noise, dust, fumes, airborne particles, uneven surfaces, heights, and stressful situations. The employee works with hazardous power tools and is exposed to heights up to 30 feet.

The noise level in the work environment is usually moderate to loud.



Industrial Electrician II

REPORTS TO:	Electrical Systems & SCADA Supervisor
DEPARTMENT	Utility Systems
JOB CODE:	4697
BARGAINING UNIT:	FOPE
FLSA STATUS:	Non-Exempt
DATE PREPARED:	09/13/2022
DATE MODIFIED:	12/08/2023
DATE REVIEWED:	12/08/2023
CITY VEHICLE USAGE:	Required

This position is an Essential classification and will be required to report to duty before, during and immediately after a civil emergency.

SUMMARY

The Industrial Electrician II performs responsible skilled work in the electrical operation, maintenance, and repair of water and wastewater treatment plant, lift stations, and remote pumping and treatment facilities' equipment. This work is performed under little supervision. Employee normally receives little to no instruction on routine work and general instruction on new projects and assignments; work is reviewed periodically for accuracy of results achieved with primary feedback given with final results. Facilitates the development of public trust and confidence in the City and its Utility.

THIS POSITION REQUIRES SCHEDULED/UNSCHEDULED OVERTIME, INCLUDING EVENINGS, WEEKENDS, AND HOLIDAYS AND/OR IMMEDIATE RESPONSE TO EMERGENCY CONDITIONS.

ESSENTIAL RESPONSIBILITIES

The omission of an essential function does not preclude management from assigning duties not listed herein if such functions are a logical assignment to the position or to reasonably accommodate individuals with disabilities.

- Keeps the mission, vision and values of the City of Port St. Lucie and Utility Systems Department at the forefront of decision making and action; builds strategic and collaborative relationships and interacts with others in a way that builds confidence and trust; provides excellent customer service by taking action to accomplish objectives, maintains high levels of work and productivity by generating innovative solutions to work situations.
- Performs skilled journeyman level installation, maintenance, and repair activities on water treatment, wastewater treatment, reclaimed water systems, wastewater collection systems, water distribution systems, and generator systems.
- Installs, maintains, and repairs electrical systems located at well sites, sewer lift stations, metering and valve vaults, water, and wastewater plants.
- Installs, maintains, and repairs electrical equipment such as telemetry systems, motors, motor control centers, wells, sewer lift stations, generators, air compressors, etc.
- Performs regular preventative maintenance on lift stations electrical control panels and treatment facilities.
- Orders parts and maintains inventory.

- Regular and punctual attendance.
- Works with plant operators to understand plant processes.
- Assists in other maintenance operations.
- Utilizes technical manuals, diagrams, and technical support to isolate and repair electrical control systems.
- May assist in the calibration of process control equipment at Utility facilities, utilizing various types of test equipment.
- May assist Instrumentation Technicians in troubleshooting PLC's, HMI, and RF Modems. May be called upon to perform these duties individually during emergency situations.
- Maintains accurate records and performs work related to this job description as required.
- Other duties as may be assigned

MINIMUM REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION AND/OR EXPERIENCE

Graduation from an accredited high school or possession of an acceptable equivalency diploma supplemented by college courses required. Two (2) Years prior Water/Wastewater Utility experience required.

A comparable amount of training, education, or experience may be substituted for the minimum qualifications.

CERTIFICATES, LICENSES, REGISTRATIONS

- Possession of a Journeyman Electrician License required.
- NFPA 70E Electrical Safety Requirements, Basic Motor Control, VFD Training, Industrial Automation and Control Certification or Certificate of Completion required to be obtained within two (2) years from date of hire while employed under this job classification.
- Possession of valid Florida Driver's License and maintenance of clean driving record required. Completion of four (4) year Electrical Apprenticeship preferred.

KNOWLEDGE, SKILLS & ABILITIES

- Working knowledge of National Electrical Code and relevant municipal codes.
- Working knowledge of principles, methods, materials, equipment, and tools used in electrical trade.
- Working knowledge of occupation hazards, safety rules, and practices.
- Working knowledge of 3-phase electrical systems.
- General knowledge of electronic circuitry and computer systems.
- Working knowledge of pumps, machinery, motors, and their electrical controls.
- Ability to work from blueprints, schematic drawings, and/or construction drawing.
- Ability to read and understand technical manuals and work instruction and apply them to maintenance and operation activities.
- Ability to troubleshoot routine to complex electrical problems related to water and wastewater treatment and pumping facilities.
- Ability to work without close supervision and make minor decisions pertaining to work problems.
- Ability to communicate effectively in writing and orally.
- Ability to establish and maintain effective working relationships with employees and the public.
- Ability to focus on the positive in every situation.

- Ability to stay centered when challenged.
- Ability to model respect for individuals, teams, and the organization.
- Ability to establish and maintain the trust and confidence of the department and public.
- Ability to work under pressure and meet deadlines.
- Ability to follow through with assigned tasks.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required sit, talk, hear, and use hands to finger, handle, or feel. The employee is frequently required to walk and reach with hands and arms. The employee is occasionally required to stand and stoop, kneel, crouch or crawl, work in close, confined spaces and overhead on ladders and platforms. The employee must frequently lift and/or move up to 30 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to outside weather conditions that may be adverse and extreme (heat, humidity, cold, rain, etc.). The employee is frequently exposed to noise, dust, fumes, airborne particles, uneven surfaces, heights, and stressful situations.

The noise level in the work environment is usually moderate to loud.



Industrial Electrician III

DEPARTMENT:	Utility Systems	
REPORTS TO:	Electrical Systems & SCADA Supervisor	
JOB CODE:	4698	
BARGAINING UNIT:	FOPE	
FLSA STATUS:	Non-Exempt	<i>Print:</i> _____
DATE PREPARED:	09/13/2022	
DATE MODIFIED:	07/08/2025	<i>Signature:</i> _____
DATE REVIEWED:	07/08/2025	
CITY VEHICLE USAGE:	Required	<i>Date:</i> _____

This position is an Essential classification and will be required to report to duty before, during and immediately after a civil emergency.

SUMMARY

Industrial Electrician III performs responsible skilled work in the electrical operation, maintenance, and repair of water and wastewater treatment plants, lift stations, and remote pumping and treatment facilities equipment. This work is performed under little supervision. Employees normally receive little to no instruction on routine work and general instruction on new projects and assignments; work is reviewed periodically for accuracy of results achieved with primary feedback given with results. Facilitates the development of public trust and confidence in the City and its Utility.

THIS POSITION REQUIRES SCHEDULED/UNSCHEDULED OVERTIME, INCLUDING EVENINGS, WEEKENDS, AND HOLIDAYS AND/OR IMMEDIATE RESPONSE TO EMERGENCY CONDITIONS.

ESSENTIAL RESPONSIBILITIES

The omission of an essential function does not preclude management from assigning duties not listed herein if such functions are a logical assignment to the position or to reasonably accommodate individuals with disabilities.

- Keeps the mission, vision, and values of the City of Port St. Lucie and Utility Systems Department at the forefront of decision making and action; builds strategic and collaborative relationships and interacts with others in a way that builds confidence and trust; provides excellent customer service by taking action to accomplish objectives, maintains high levels of work and productivity by generating innovative solutions to work situations.
- Performs skilled journeyman level installation, maintenance, and repair activities on water treatment, wastewater treatment, reclaimed water systems, wastewater collection systems, water distribution systems, and generator systems.
- Installs, maintains, and repairs electrical systems located at well sites, sewer lift stations, metering and valve vaults, water, and wastewater plants.
- Installs, maintains, and repairs electrical equipment such as telemetry systems, motors, motor control centers, wells, sewer lift stations, generators, air compressors, etc.
- Performs regular preventative maintenance on lift station electrical control panels and

treatment facility equipment.

- Provides leadership and guidance to lower-level staff in electrical principles, methods, and electrical safety.
- Orders parts and maintains inventory.
- Determines materials and methods to be used in the performance of specific assignments from initial planning through implementation and completion.
- Regular and punctual attendance.
- Works with plant operators to understand plant processes.
- Assists in other maintenance operations.
- Utilizes technical manuals, diagrams, and technical support to isolate and repair electrical control systems.
- Regularly assists in the calibration of process control equipment at Utility facilities, utilizing various types of test equipment.
- May assist Instrumentation Technicians in troubleshooting PLC's, HMI, and RF Modems. May be called upon to perform these duties individually during emergency situations.
- Maintains accurate records and performs work related to this job description as required.
- May be tasked with assuming Lead Electrician duties during absence of department Lead Electrician.
- May be required to work rotating shifts, on-call duties on a regular basis, and extended hours in emergency situations.
- Other duties as may be assigned.

MINIMUM REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION AND/OR EXPERIENCE

Graduation from an accredited high school or possession of an acceptable equivalency diploma supplemented by college courses required. Minimum five (5) years of experience in Water/Wastewater Utility required.

A comparable amount of training, education, or experience may be substituted for the minimum qualifications.

CERTIFICATES, LICENSES, REGISTRATIONS

- Possession and maintenance of a Journeyman Electrician License for duration of employment required.
- Documented training on NFPA 70E Electrical Safety Requirements, Basic Motor Controls, and VFD programming/operation required.
- Possession of valid driver's license and maintenance of clean driving record required with the ability to obtain a valid Florida driver's license within 30 days from date of hire.
- Completion of four (4) year Electrical Apprenticeship preferred.

KNOWLEDGE, SKILLS & ABILITIES

- Thorough knowledge of National Electrical Code and relevant municipal codes.
- Thorough knowledge of principles, methods, materials, equipment, and tools used in electrical trade.
- Thorough knowledge of occupation hazards, safety rules, and practices.
- Working knowledge of 3-phase electrical systems.
- Working knowledge of electronic circuitry and computer systems.

[2] Employee Initials: _____

- Thorough knowledge of pumps, machinery, motors, and their electrical controls.
- Skill in maintaining and repairing motor-controlled actuators, soft starts, and installation, programming, and startup of variable frequency drives.
- Ability to work from blueprints, schematic drawings, and/or construction drawings.
- Ability to read and understand technical manuals and work instructions and apply them to maintenance and operational activities.
- Ability to troubleshoot routine to complex electrical problems related to water and wastewater treatment and pumping facilities.
- Ability to work without supervision and make decisions pertaining to work problems.
- Ability to communicate effectively in writing and orally.
- Ability to establish and maintain effective working relationships with employees and the public.
- Ability to focus on the positive in every situation.
- Ability to stay centered when challenged.
- Ability to model respect for individuals, teams, and the organization.
- Ability to establish and maintain the trust and confidence of the department and public.
- Ability to work under pressure and meet deadlines.
- Ability to follow through with assigned tasks.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to sit, talk, hear, and use hands to finger, handle, or feel. The employee is frequently required to walk and reach with hands and arms. The employee is occasionally required to stand and stoop, kneel, crouch or crawl, work in close, confined spaces and overhead on ladders and platforms. The employee must frequently lift and/or move up to 30 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision and ability to adjust focus. Steel-toe or composite shoes are mandatory.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to outside weather conditions that may be adverse and extreme (heat, humidity, cold, rain, etc.). The employee is frequently exposed to noise, dust, fumes, airborne particles, uneven surfaces, heights, and stressful situations. The employee works with hazardous power tools and is exposed to heights up to or more than 30 feet.

The noise level in the work environment is usually moderate to loud.



Instrumentation & Controls Technician

DEPARTMENT:	Utility Systems	
REPORTS TO:	Electrical Systems & SCADA Supervisor	
JOB CODE:	4596	
BARGAINING UNIT:	FOPE	
FLSA STATUS:	Non-Exempt	<i>Print:</i> _____
DATE PREPARED:	09/11/2007	
DATE MODIFIED:	04/21/2025	<i>Signature:</i> _____
DATE REVIEWED:	04/21/2025	
CITY VEHICLE USAGE:	Required	<i>Date:</i> _____

This position is an Essential classification and will be required to report to duty before, during and immediately after a civil emergency.

SUMMARY

Technical work in the water and wastewater treatment facilities, involving the maintenance, installation and repair of water and wastewater instrumentation and process control equipment. Facilitates the development of public trust and confidence in the City and its Utility.

THIS POSITION REQUIRES SCHEDULED/UNSCHEDULED OVERTIME, INCLUDING EVENINGS, WEEKENDS, AND HOLIDAYS AND/OR IMMEDIATE RESPONSE TO EMERGENCY CONDITIONS.

ESSENTIAL RESPONSIBILITIES

- Keeps the mission, vision and values of the City of Port St. Lucie and Utility Systems department at the forefront of decision making and action; builds strategic and collaborative relationships and interacts with others in a way that builds confidence and trust; provides excellent customer service by taking action to accomplish objectives, maintaining high levels of work and productivity by generating innovative solutions to work situations.
- Oversee lift station start-ups and ensure proper operation and communication to plant.
- Works with plant operators to understand plant processes.
- Troubleshoots and repairs PLC, HMI, and RF problems.
- Regular and punctual attendance.
- Maintains PLC and RF programs monthly, files, schematics, and Operation and Maintenance (O&M) manuals.
- Completes corrective and preventative maintenance work orders.
- Performs calibration of instrumentation and process control equipment at water and wastewater treatment facilities utilizing all test equipment.
- Troubleshoots and repair process and control equipment on a rotating on-call basis.
- May assist in maintaining Supervisory Control and Data Acquisition (SCADA) switches, hubs and appurtenances related to the SCADA Network.
- May assist with troubleshooting, repair and maintenance of PLC, HMI, and RF problems.
- May assist with troubleshooting, installing windows operating systems and server software /hardware.
- Other duties as may be assigned.

MINIMUM REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION AND/OR EXPERIENCE

Graduation from an accredited high school or possession of an acceptable equivalency diploma required. Graduation from an accredited college or university with a degree in electronics preferred. Prior water /wastewater utilities experience preferred. Two (2) years' experience installing, calibrating, and maintaining electronic instruments, measurement, and control workbench required.

CERTIFICATES, LICENSES, REGISTRATIONS

- Documented training in Instrumentation/Process Control required.
- International Society of Automation (ISA) Electrical to Instrumentation Cross Training Boot Camp or required to be obtained within six (6) months from date of hire.
- Industrial Instrument Certificate or required to be obtained within one (1) year from date of hire.
- Possession of a valid Florida Driver's License and maintenance of a clean driving record required.

KNOWLEDGE, SKILLS & ABILITIES

- Considerable knowledge and ability to operate complex test and calibration equipment and to interpret results.
- Considerable knowledge and understanding of electronic controls and circuits.
- Considerable knowledge of the methods, practices and testing equipment used in instrumentation repair and maintenance work.
- Considerable knowledge of control loops and analog signals.
- Ability to establish and maintain effective working relationships with employees and the public.
- Ability to focus on the positive in every situation.
- Ability to stay centered when challenged.
- Ability to model respect for individuals, teams, and the organization.
- Ability to establish and maintain the trust and confidence of the department and public.
- Ability to communicate effectively in writing and orally.
- Ability to work under pressure and meet deadlines.
- Ability to follow through with assigned tasks.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to sit, talk, hear, and use hands to finger, handle, or feel. The employee is frequently required to walk and reach with hands and arms. The employee is occasionally required to stand and stoop, kneel, crouch, crawl, and work in close, confined spaces and overhead on ladders and platforms. The employee must frequently lift and/or move up to 30 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, and ability to adjust focus. Steel toe or composite shoes are mandatory.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to outside weather conditions that may be adverse and extreme (heat, humidity, cold, rain, etc.). The employee is frequently exposed to noise, dust, fumes, airborne particles, uneven surfaces, heights, and stressful situations. The employee is exposed to heights up to 30 feet.

The noise level in the work environment is usually moderate to loud.



SCADA Technician

DEPARTMENT:	Utility Systems	
REPORTS TO:	Electrical Systems & SCADA Supervisor	
JOB CODE:	4354	
BARGAINING UNIT:	FOPE	
FLSA STATUS:	Non-Exempt	<i>Print:</i> _____
DATE PREPARED:	09/11/2007	
DATE MODIFIED:	02/11/2025	<i>Signature:</i> _____
DATE REVIEWED:	02/11/2025	
CITY VEHICLE USAGE:	Required	<i>Date:</i> _____

This position is an Essential classification and will be required to report to duty before, during and immediately after a civil emergency.

SUMMARY

Advanced technical and analytical work with responsibilities for planning, design, and implementation for all aspects of the water and wastewater treatment data acquisition, process control and telemetry infrastructure. Facilitates the development of public trust and confidence in the City and its Utility.

ESSENTIAL RESPONSIBILITIES

- Keeps the mission, vision, and values of the City of Port St. Lucie and Utility Systems Department at the forefront of decision making and action; builds strategic and collaborative relationships and interacts with others in a way that builds confidence and trust; provides excellent customer service by taking action to accomplish objectives, maintains high levels of work and productivity by generating innovative solutions to work situations
- Oversees lift station start-ups and ensure proper operation and communication to plant.
- Works with plant operators to understand plant processes.
- Monitors and interact with subcontractors and integrators in any and all Supervisory Control and Data Acquisition (SCADA) related issues.
- Maintains SCADA fiber optics network including fusion and cam splicing as needed.
- Maintains SCADA switches, hubs and appurtenances related to the SCADA network.
- Regular and punctual attendance.
- Troubleshoots, repair and maintain PLC, HMI and RF problems.
- Reviews Specifications, maintain files, schematics, and O&M manuals.
- Completes corrective and preventative maintenance work orders.
- Troubleshoots Window Software, Microsoft Office, XL Reporter, WIN911, Proficy iFIX and iHistorian software on a regular basis.
- Troubleshoots and repair process and control equipment on a rotating on-call basis.
- Other duties as may be assigned.

MINIMUM REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or

ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION AND/OR EXPERIENCE

Graduation from an accredited high school or possession of an acceptable equivalency diploma. Graduation from an accredited college or university with an Associate's Degree of Computer Science, Electronics Technologies or have taken accredited college courses in related field preferred. Two (2) years' experience as an Instrumentation & Controls Technician and prior Utility experience preferred. Possession of a valid Florida Driver's License and maintenance of clean driving record required.

A comparable amount of training, education, or experience may be substituted for the minimum qualifications.

KNOWLEDGE, SKILLS & ABILITIES

- Networking skills using software and routers and switches.
- Skilled in radio technologies and telemetry involving SCADA system.
- Basic knowledge of fiber optic systems and how they interface with electrical equipment, including troubleshooting and repair.
- Experience in setting up control loops and analog signals for chemical feed systems to optimize usage efficiency of operation.
- Knowledge in motor controls including VFD operation and soft start technology and how these are integrated into control strategies.
- Thorough knowledge of various RF modem configuration software, computers in general, PLC ladder logic programming, configuration and troubleshooting
- Considerable knowledge and understanding of electronic controls and circuits.
- Considerable knowledge of the methods, practices and testing equipment used in instrumentation repair and maintenance work.
- Ability to establish and maintain effective working relationships with employees and the public.
- Ability to focus on the positive in every situation.
- Ability to stay centered when challenged.
- Ability to model respect for individuals, teams, and the organization.
- Ability to establish and maintain the trust and confidence of the department and public.
- Ability to communicate effectively in writing and orally.
- Ability to work under pressure and meet deadlines.
- Ability to follow through with assigned tasks.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to sit, talk, hear, and use hands to finger, handle, or feel. The employee is frequently required to walk and reach with hands and arms. The employee is occasionally required to stand and stoop, kneel, crouch, crawl, work in close and/or confined spaces, and work overhead on ladders and platforms. The employee must frequently lift and/or move up to 30 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, and ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee

encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to outside weather conditions that may be adverse and extreme (heat, humidity, cold, rain, etc.). The employee is frequently exposed to noise, dust, fumes, airborne particles, uneven surfaces, heights, and stressful situations.

The noise level in the work environment is usually moderate to loud.